

FIG. 1

00692294-101900

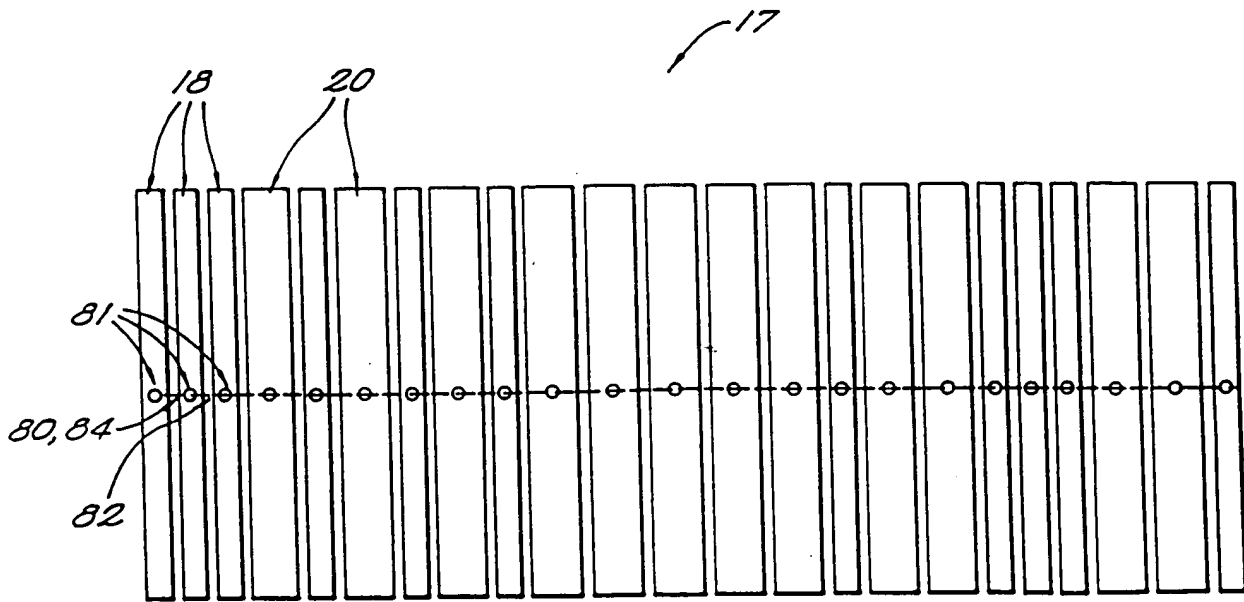


FIG. 1(a)

FIG. 1(b)
(PRIOR ART)

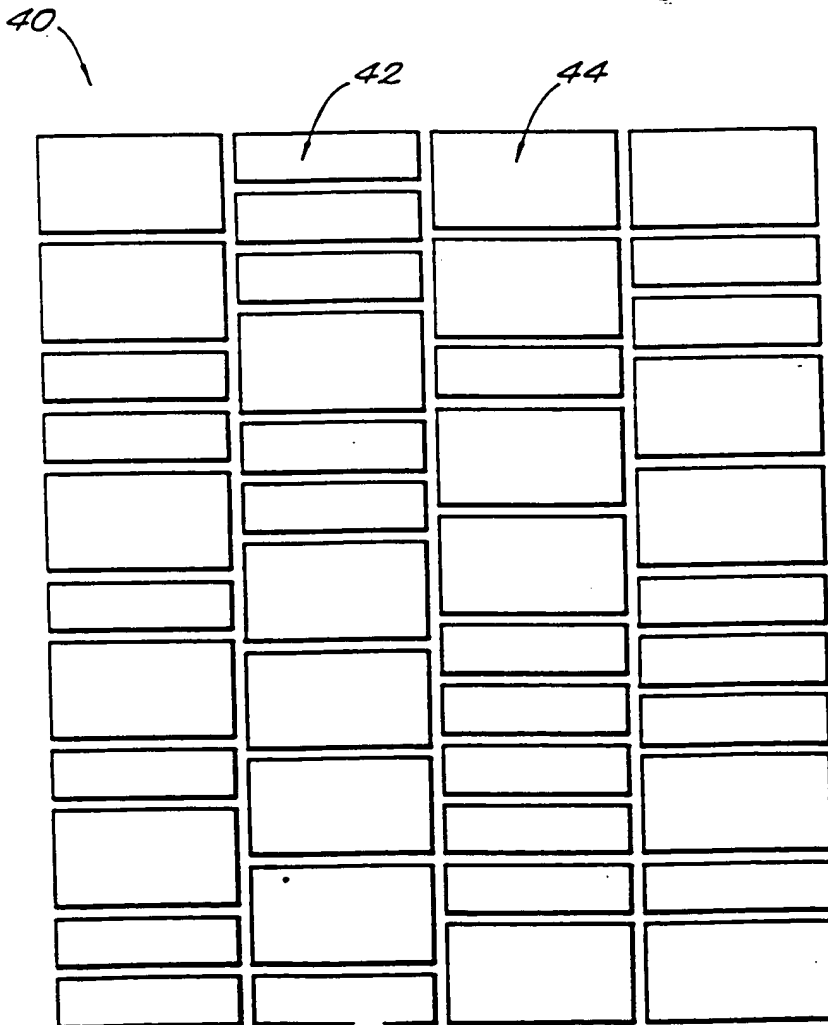
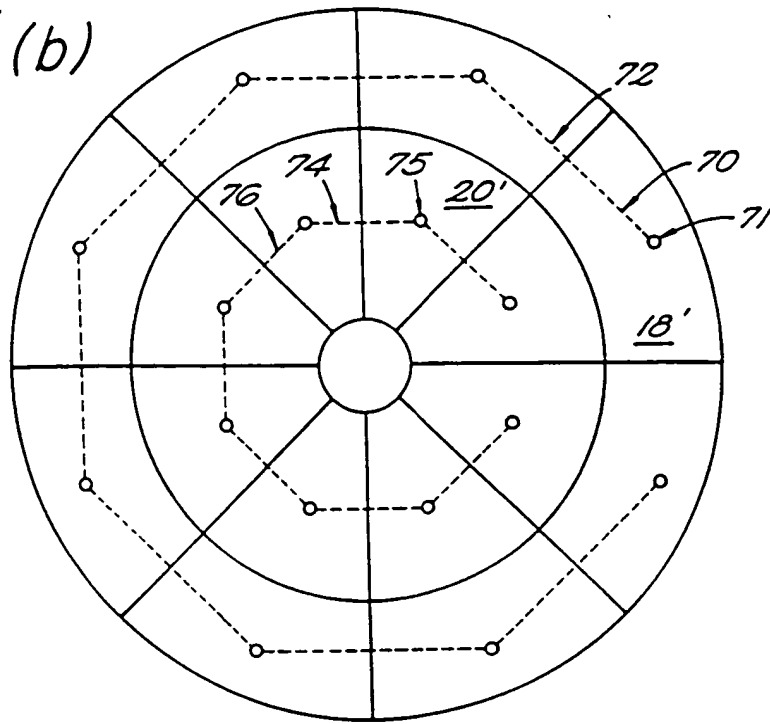


FIG. 2

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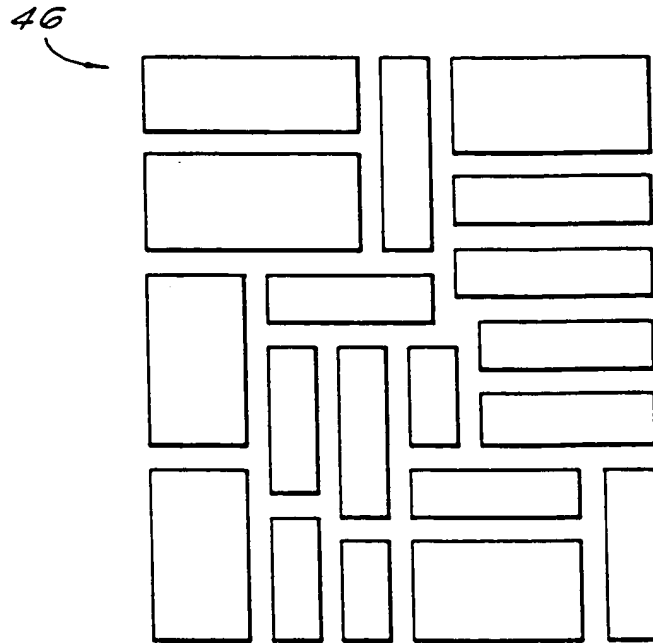


FIG. 2(a)

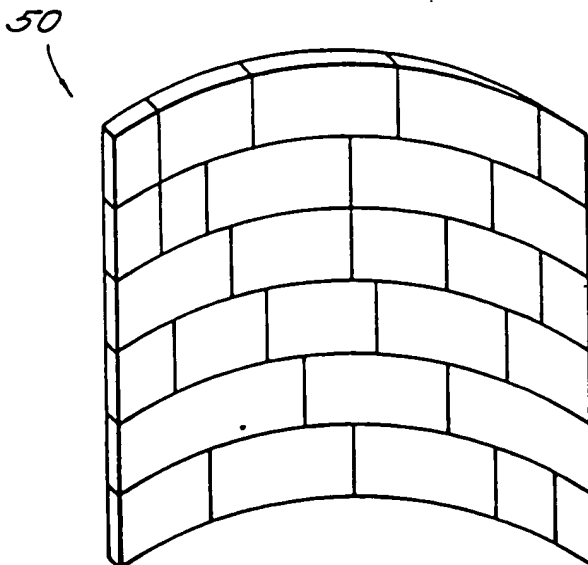


FIG. 3

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60

INPUT INITIAL ARRAY
OF WEIGHTING FACTORS,
STEP SIZE, EXIT
CRITERIA

62

CALCULATE INITIAL
COST FUNCTION

64

(1) INCREASE/DECREASE THE
FOCUS WEIGHTING FACTOR BY
STEP SIZE AND CALCULATE
THE COST FUNCTION
(2) REPEAT FOR EACH FOCUS
LOCATION
(3) SELECT THE LOWEST COST
FUNCTION

66

IS THE NEW COST FUNCTION
LOWER THAN THE ORIGINAL COST
FUNCTION?

NO

YES

NEW COST FUNCTION AND
ARRAY OF WEIGHTING
FACTORS REPLACES ORIGINAL

NO

IS STEP SIZE LESS
THAN EXIT
CRITERIA?

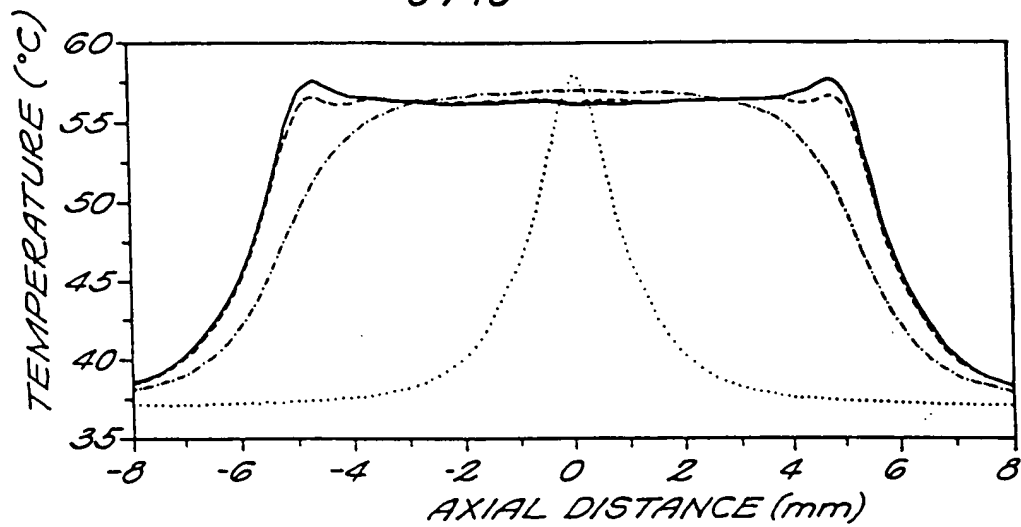
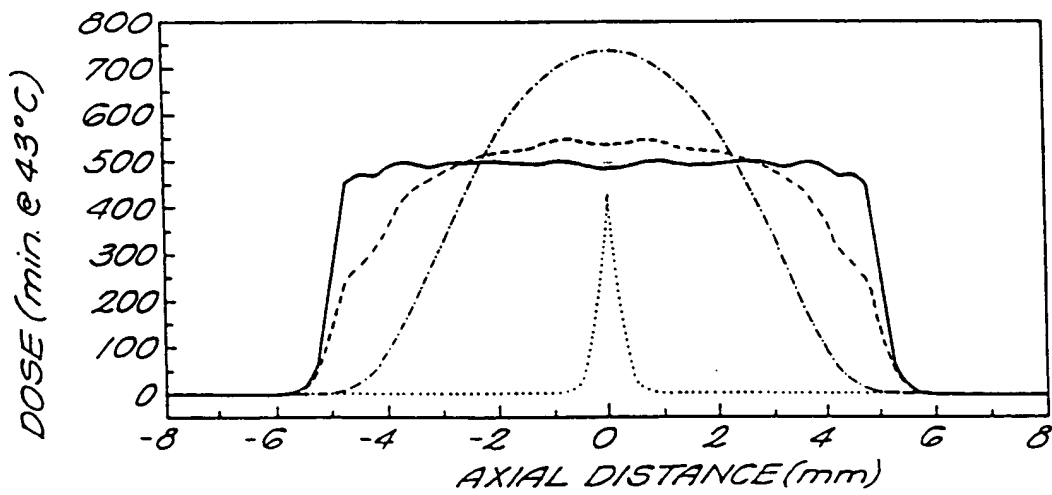
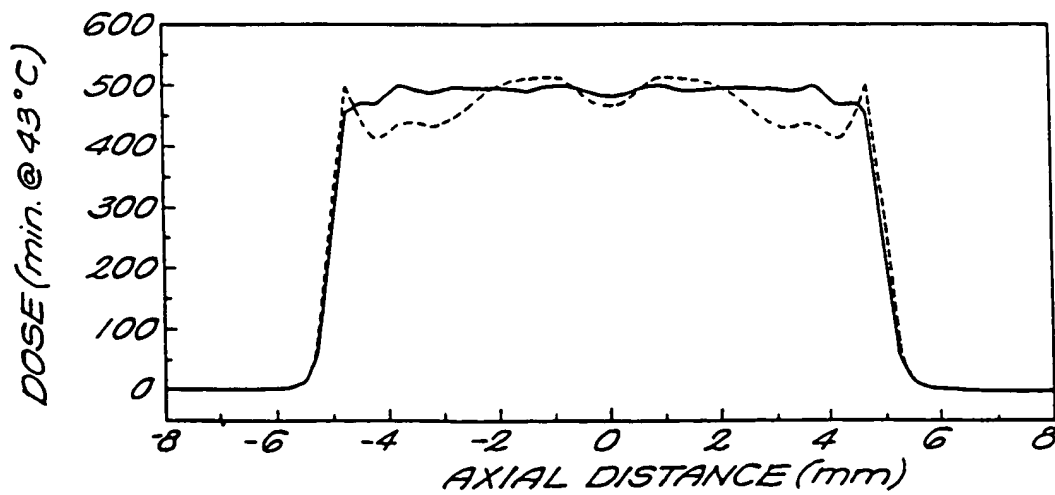
YES

DIVIDE STEP
SIZE BY 2

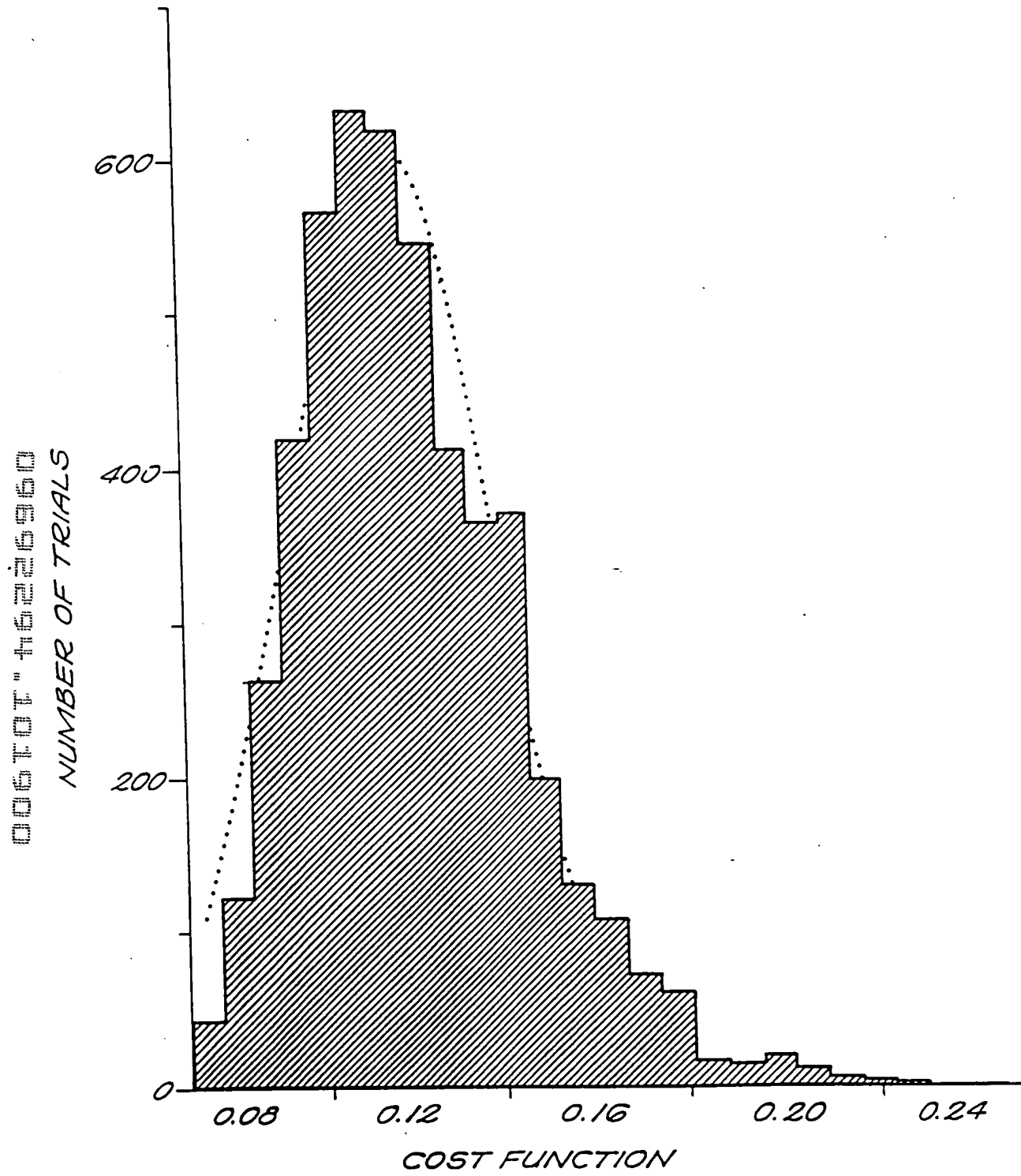
OPTIMIZATION
COMPLETE

FIG. 4

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*FIG. 5(a)**FIG. 5(b)**FIG. 5(c)*

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**FIG. 6**

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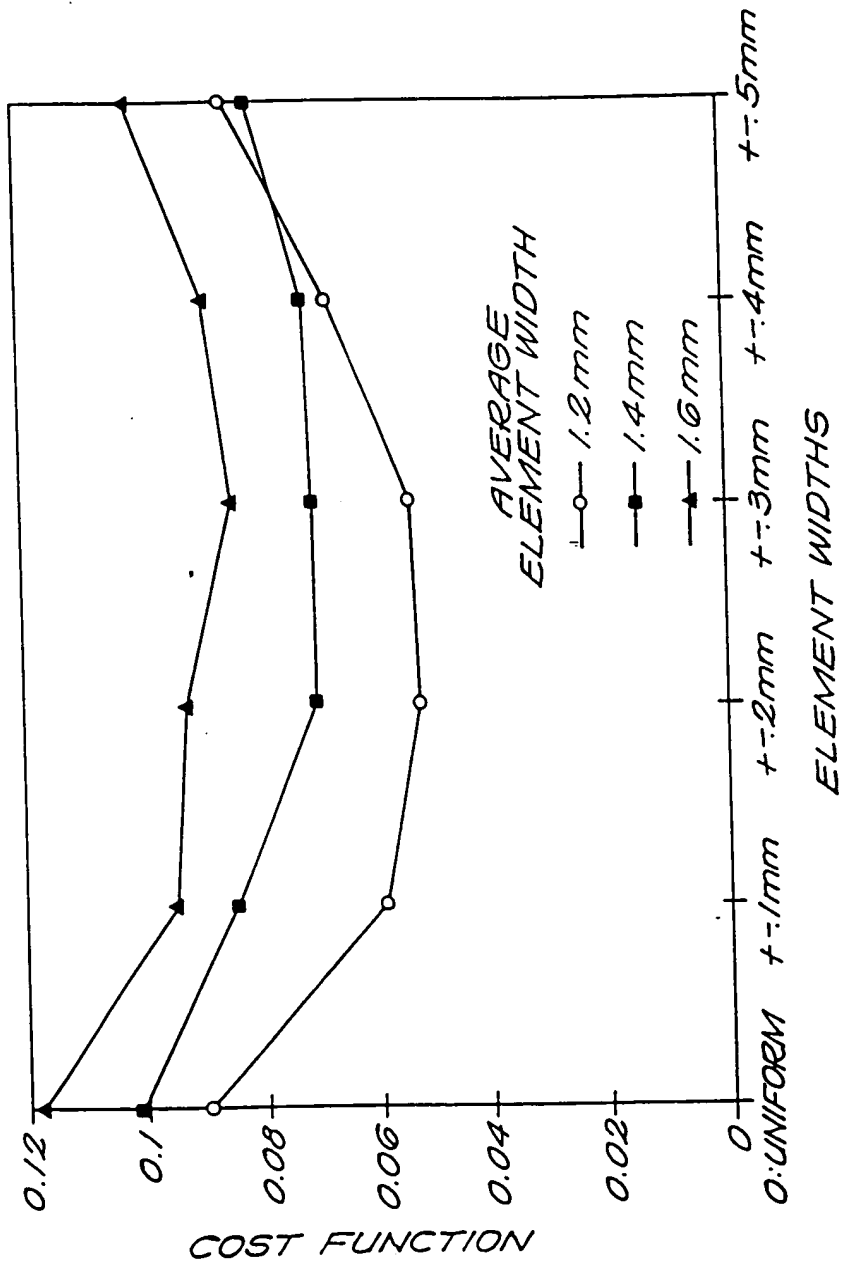


FIG. 7

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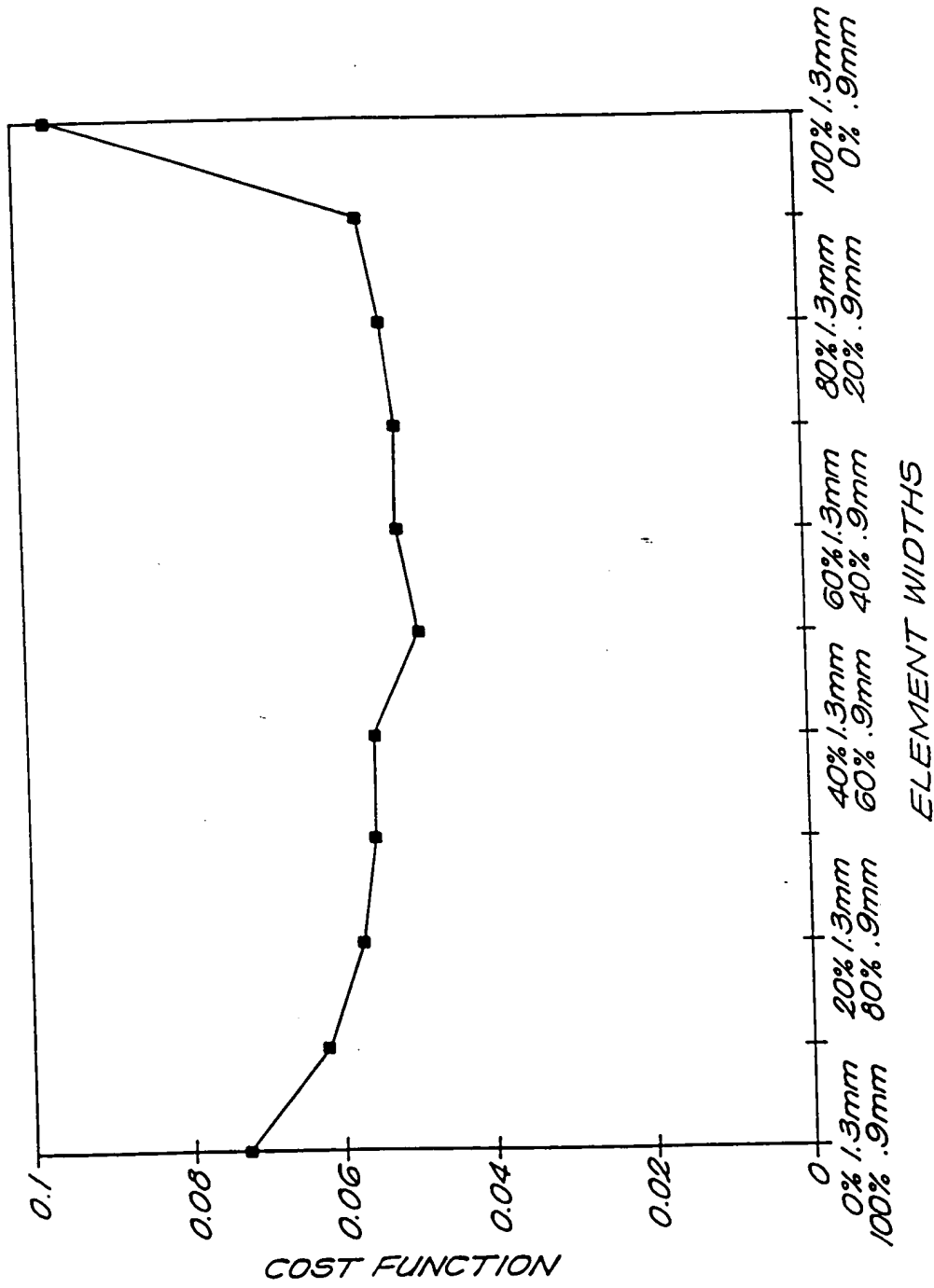


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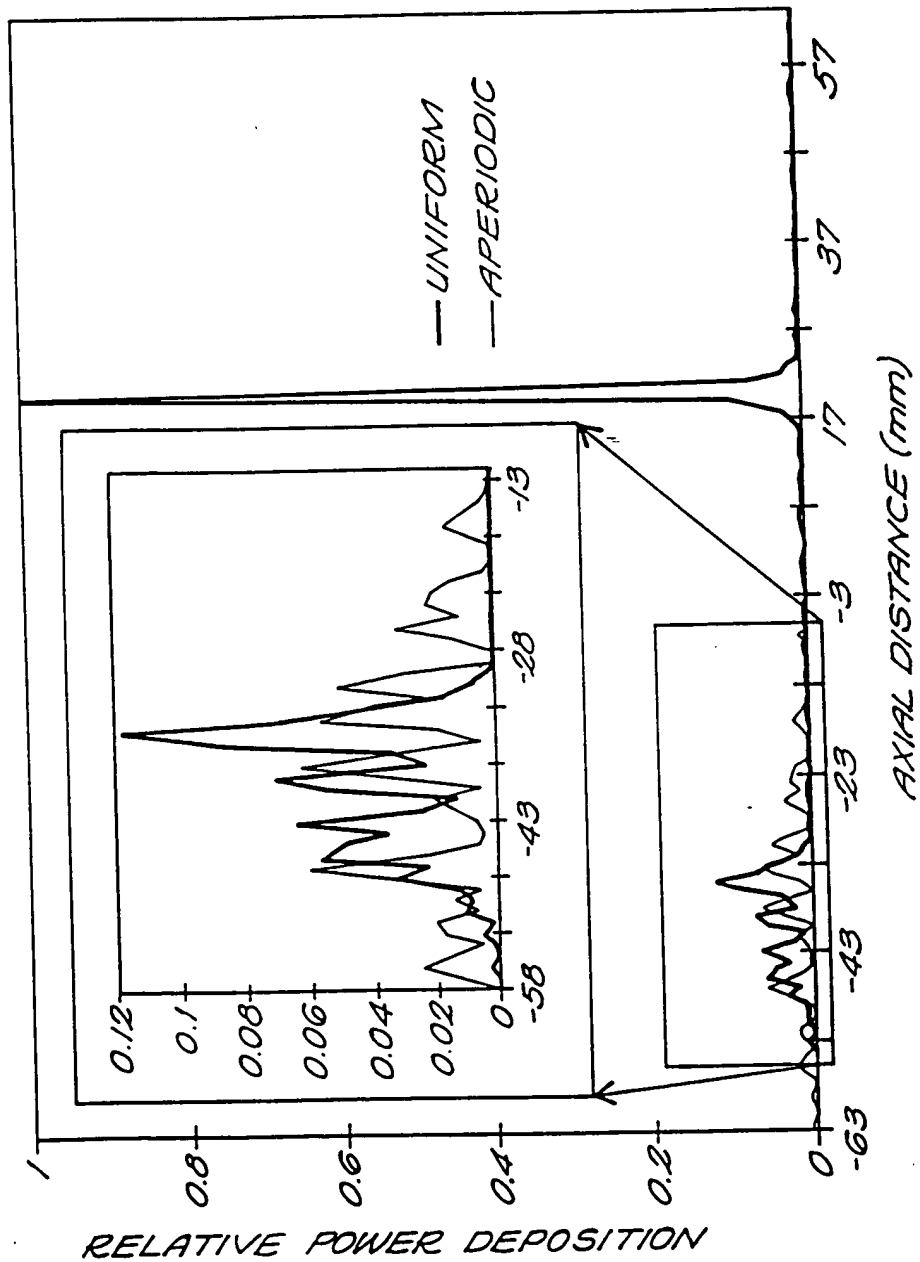
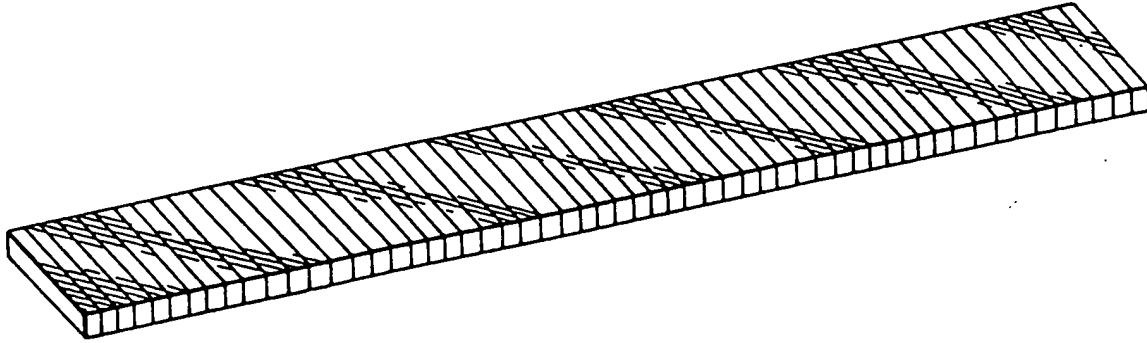
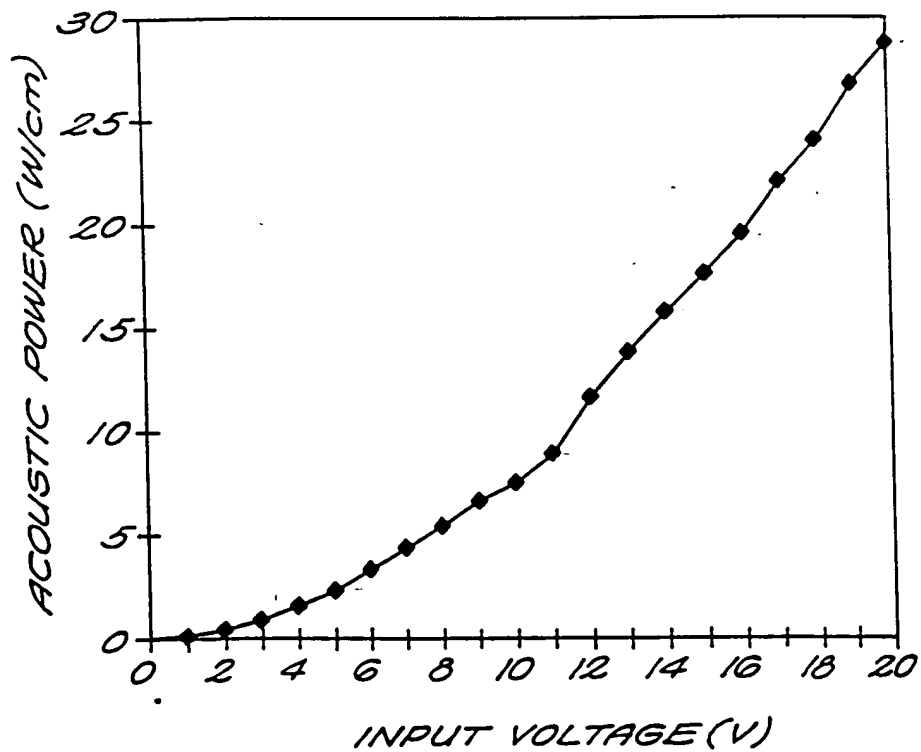


FIG. 9

*FIG. 10**FIG. 11*

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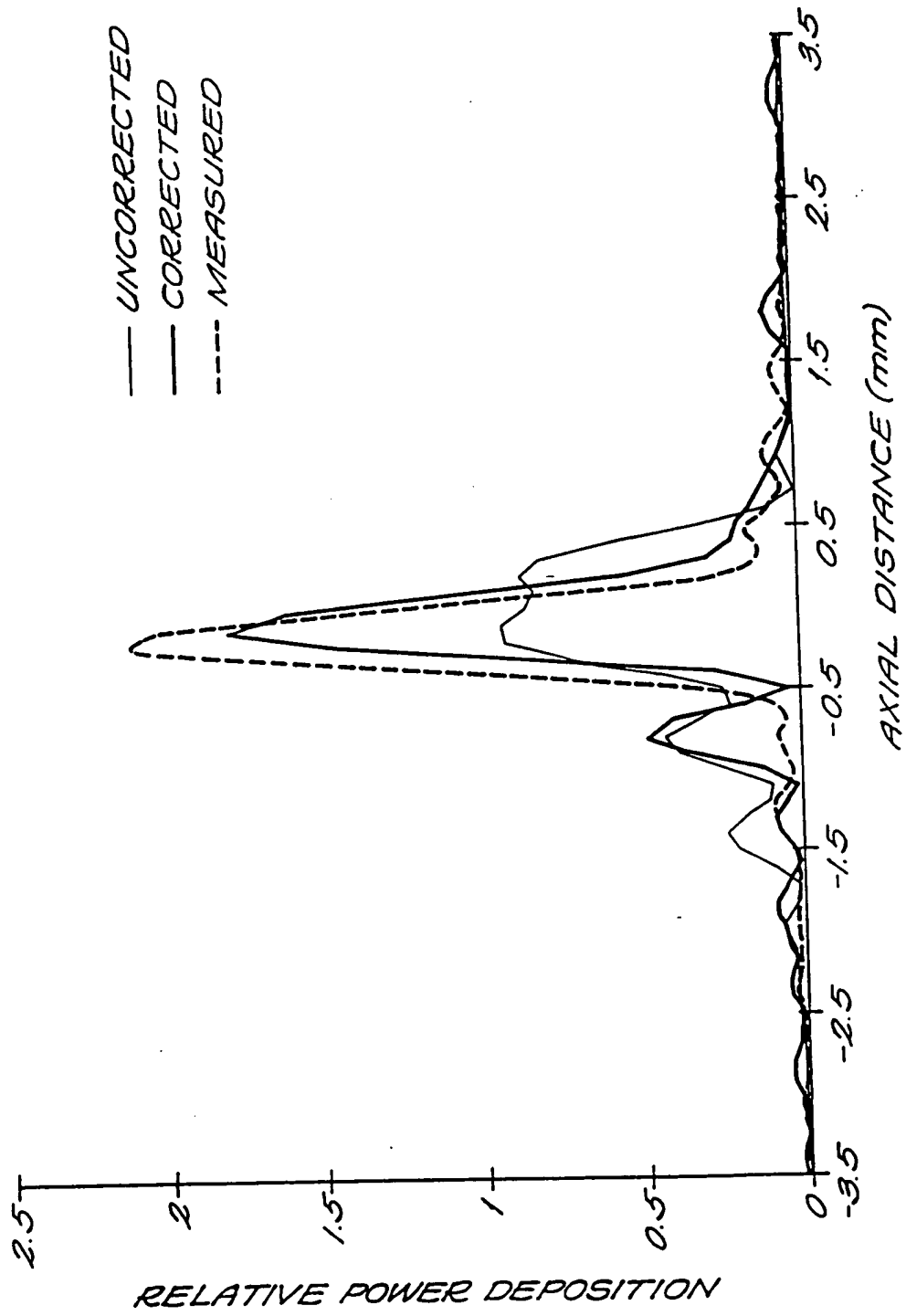
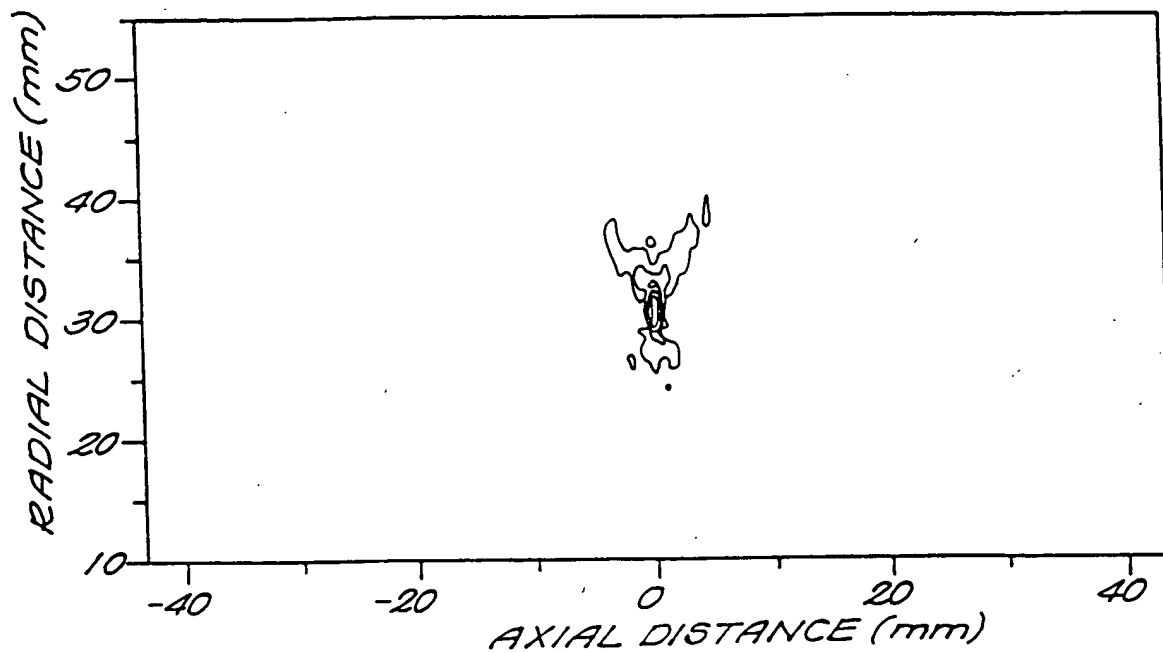
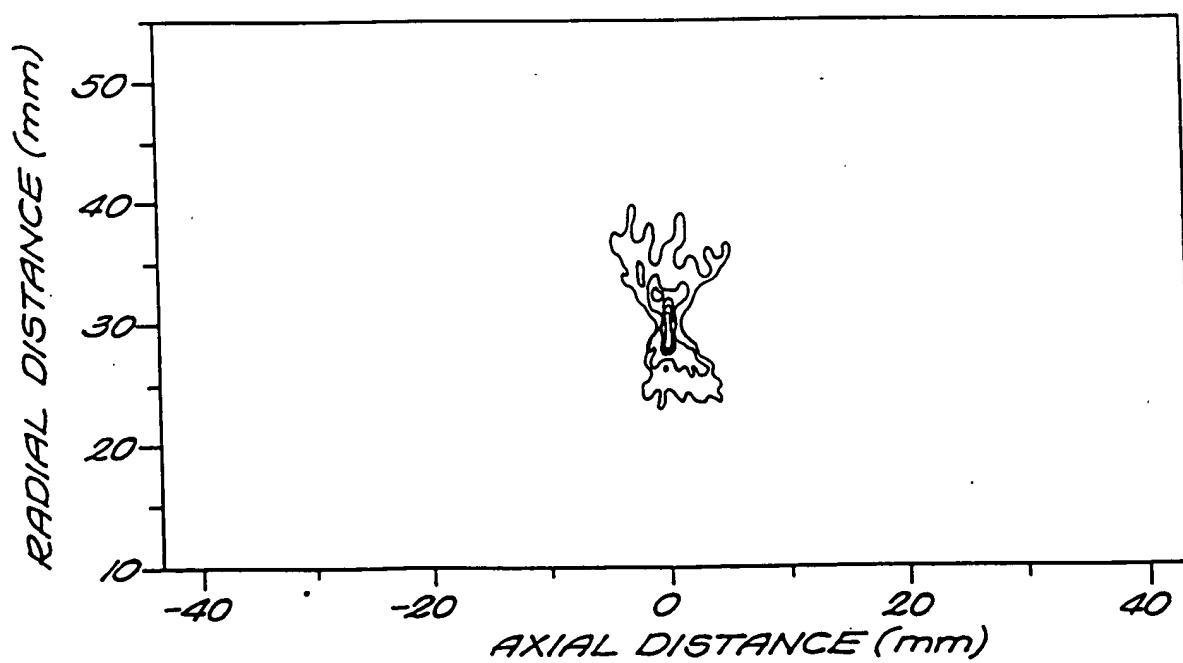
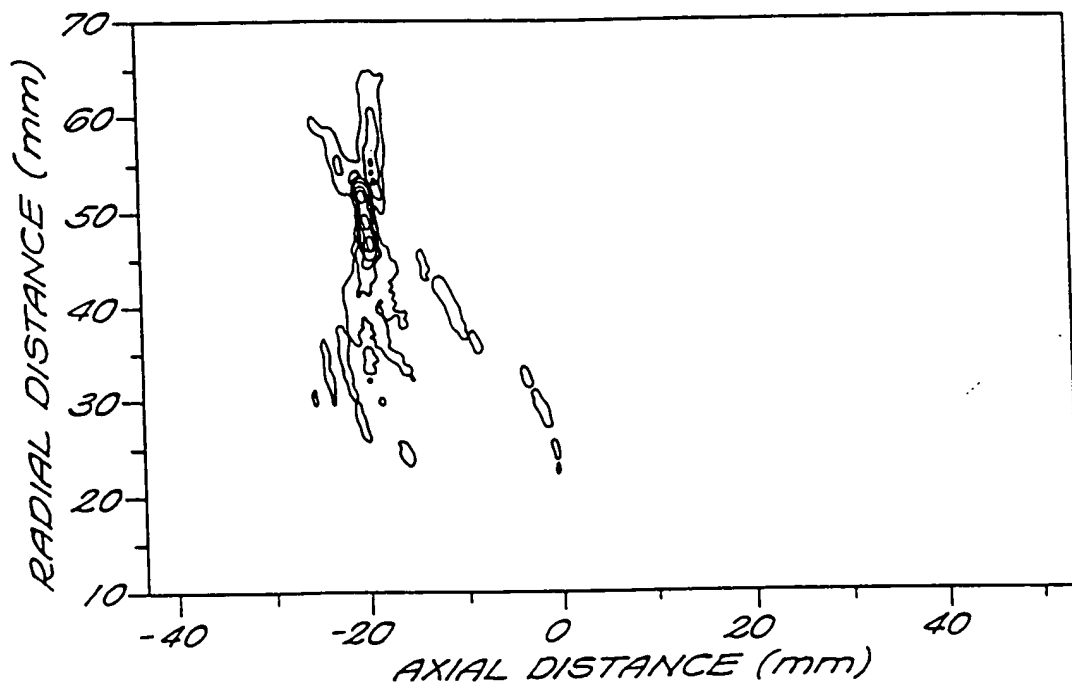
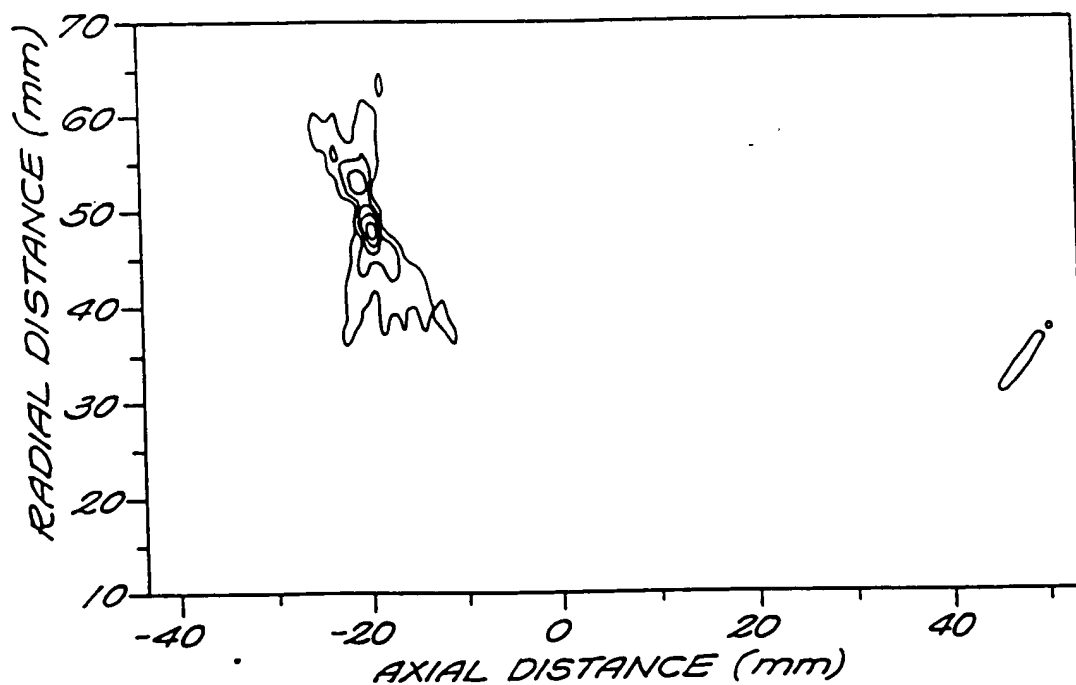


FIG. 12

*FIG. 13(a)**FIG. 13(b)*

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*FIG. 14* (a)*FIG. 14* (b)

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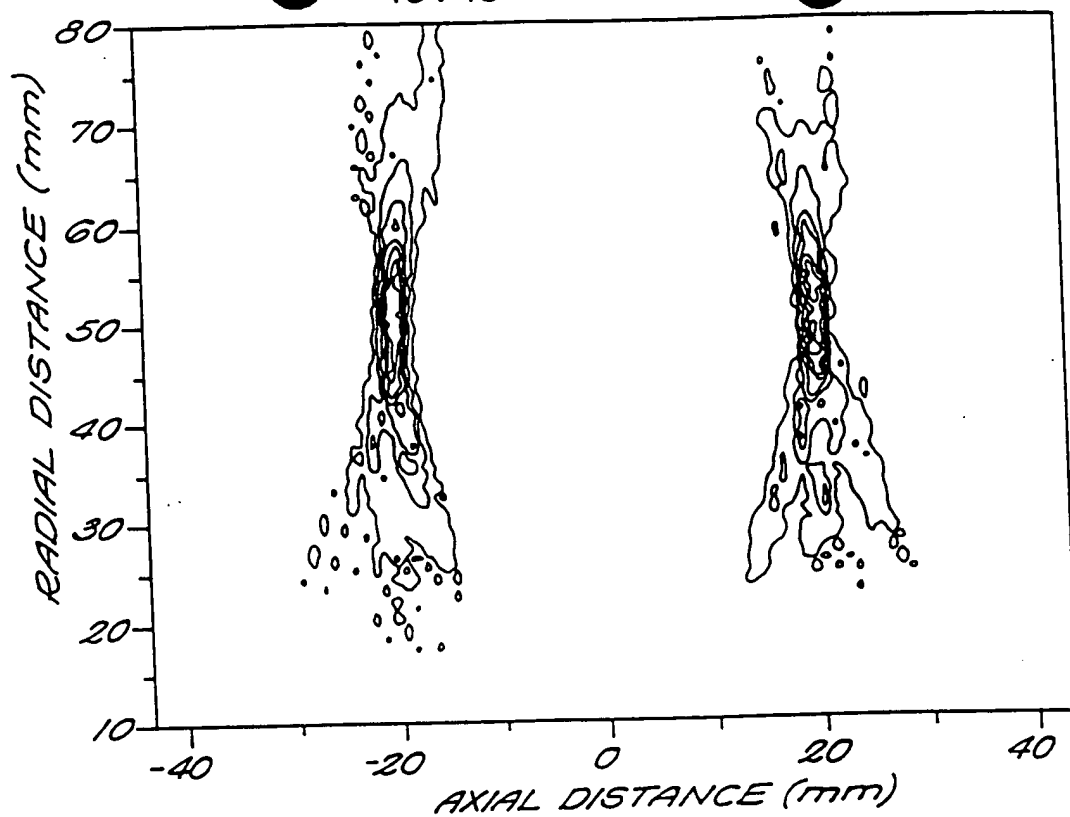


FIG. 15(a)

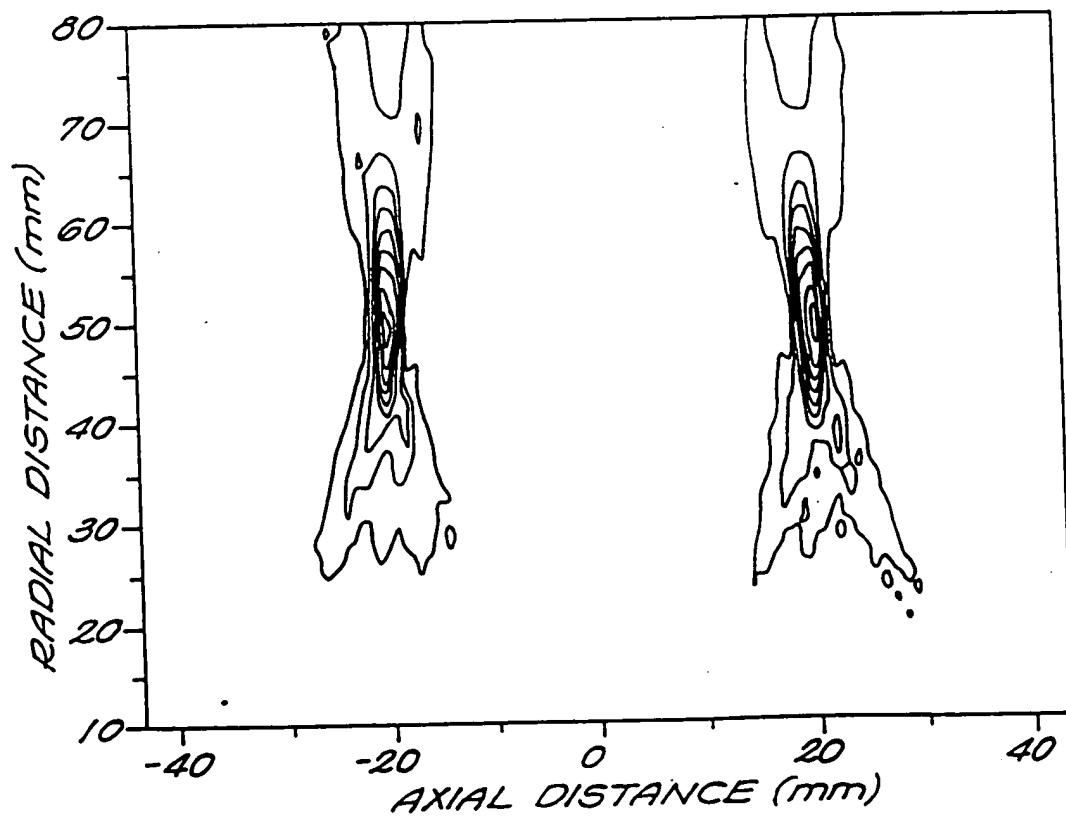


FIG. 15(b)

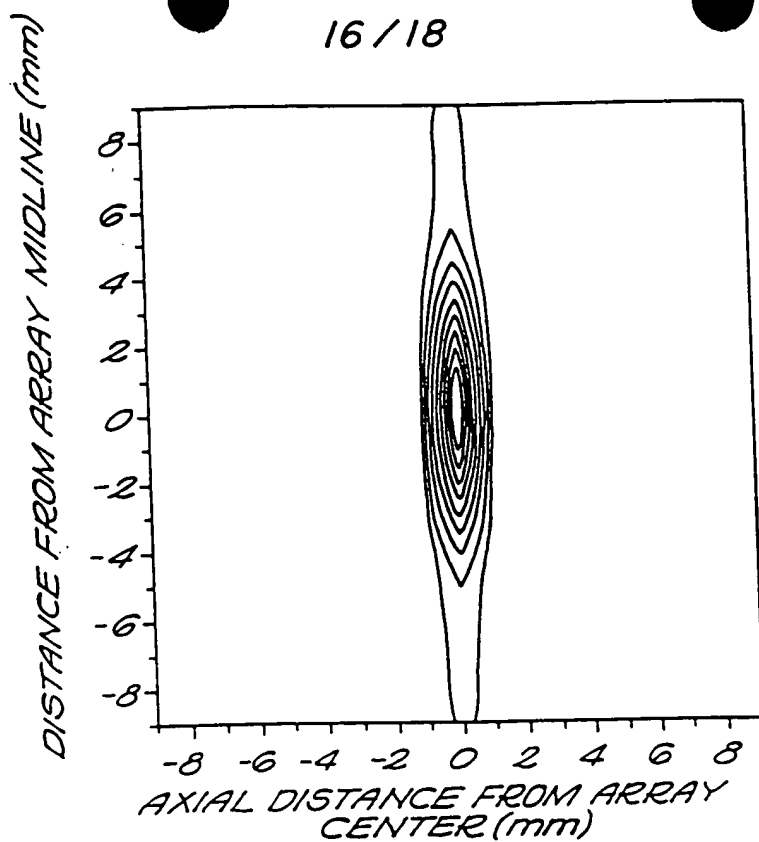


FIG. 16 (a)

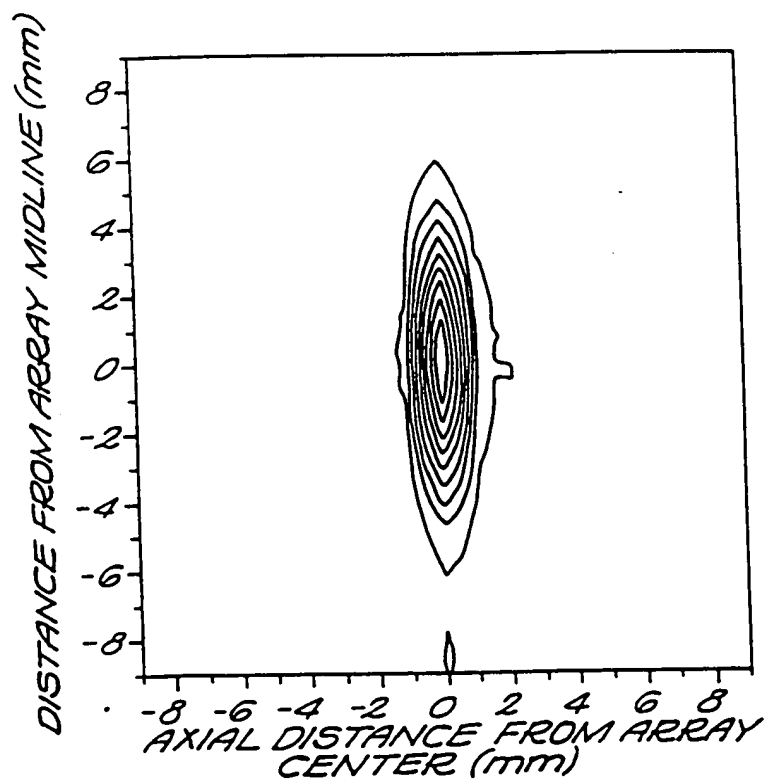
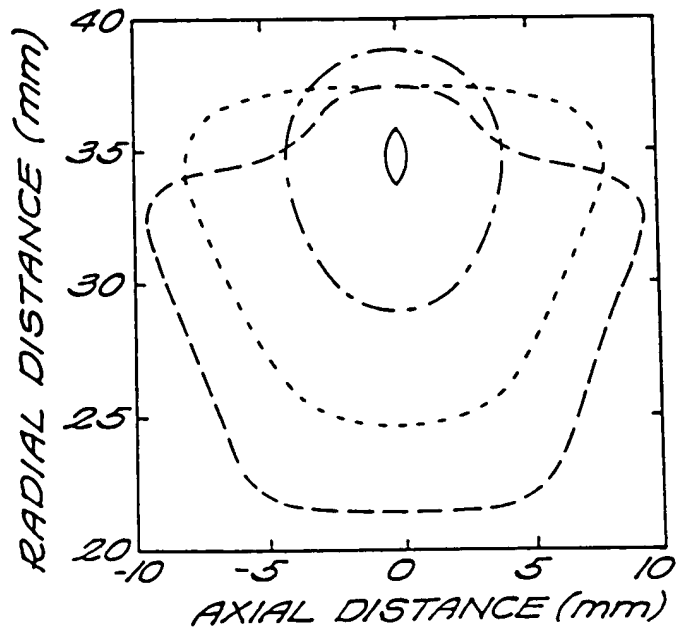
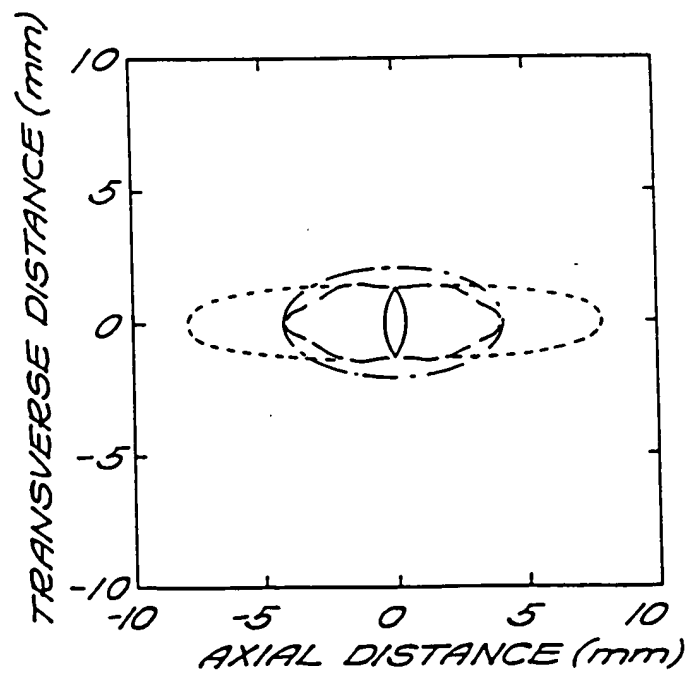
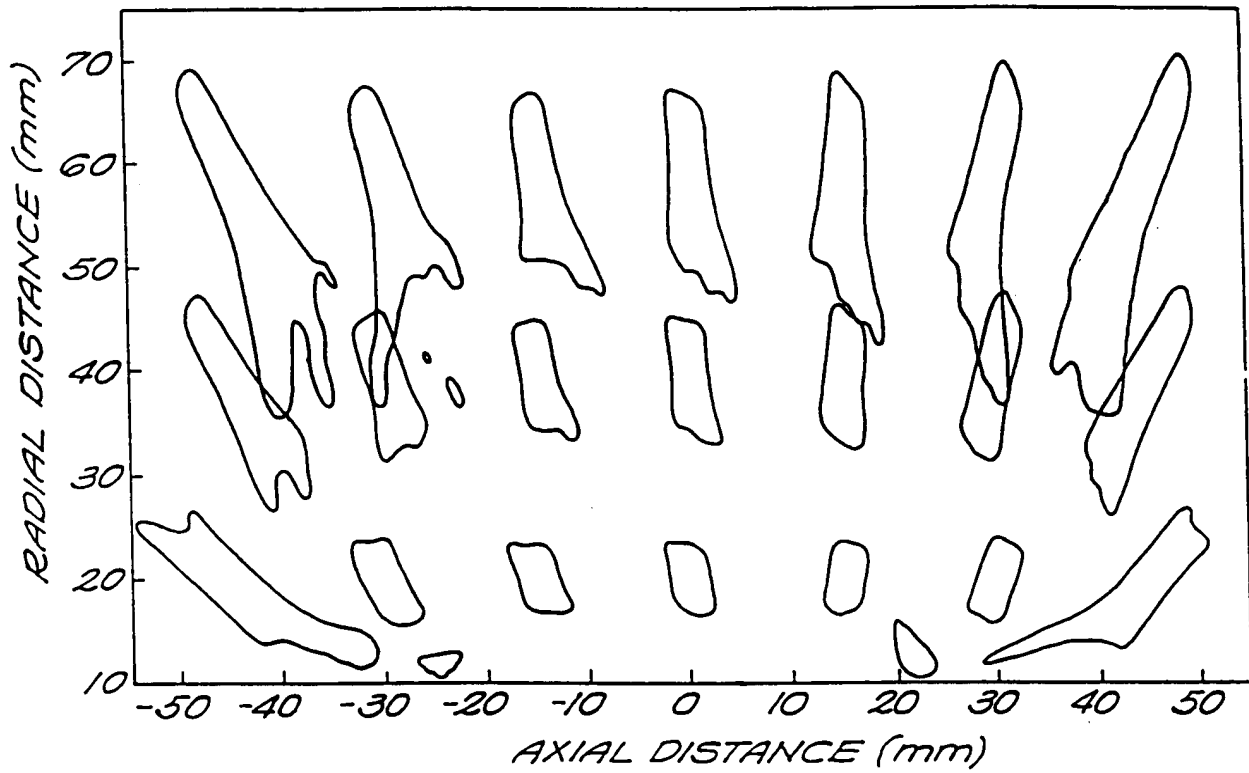
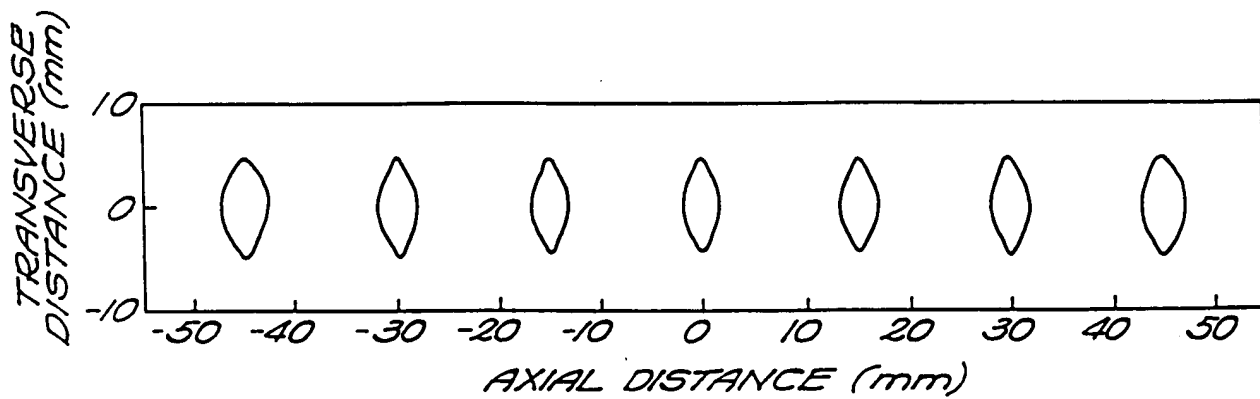


FIG. 16 (b)

**FIG. 17(a)****FIG. 17(b)**

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**FIG. 18 (a)****FIG. 18 (b)**